

## Description of Additional Supplementary Files

**Supplementary Data 1.** Labelfree proteomic identification and quantification of proteins in control and RIPK2-KO PC3 cells.

**Supplementary Data 2.** List of the 652 protein groups that are differentially expressed in control and RIPK2-KO PC3 cells.

**Supplementary Data 3.** List of the 219 protein candidates that associate with the kinase domain and no other regions of RIPK2.

**Supplementary Data 4.** Labelfree phosphoproteomic comparison of control and RIPK2-KO PC3 cells.

**Supplementary Data 5.** List of kinases whose inferred kinase activities are regulated by RIPK2 in PC3 cells.